

Application No. 10/665,882  
Responsive to Office action of October 1, 2004

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**INTERVIEW SUMMARY UNDER 37 CFR §1.133 AND MPEP §713.04**

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A telephonic interview in the above-referenced case was conducted on March 24, 2005 with Examiner Eckert and the undersigned where the Office Action mailed on October 1, 2004 was discussed. Specifically, Buckley (U.S. Patent No. 3,886,577) and a proposed amendment to claim 1 (now being presented) was discussed with the intent to place the claims in better condition for allowance or appeal. The Applicants wish to sincerely thank the Examiner for his time and attention in this case.

During a discussion of the prior art, the Applicant mentioned that the University of Houston's Liu papers and patents (which the undersigned believes is being developed in conjunction with Sharp Laboratories) were some of the first references to discuss resistance-switching in perovskites. The Examiner mentioned that he might want to look more closely at some of those references. In order to assist the Examiner, the undersigned respectfully refers the Examiner to paragraph [0004] of the originally filed specification. The undersigned would also like to note that the IBM Zurich Research Center had also published some technical papers that the Examiner might find interesting, which were discussed in paragraph [0005] of the originally filed specification.

**REMARKS**

Claim 1 has been amended to clarify the subject matter regarded as the invention. Claims 4 and 24 have been amended to correct typographical errors. The first claim 22 has been renumbered as claim 27 in order to correct the double numbering. Claims 28 - 31 have been added.

Claims 1 - 26 were rejected under 35 U.S.C. §102.

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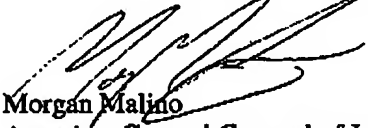
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Applicants respectfully traverse the rejections and objection. As amended, claim 1 recites "...a substantially crystalline layer that, while substantially maintaining its substantially crystalline structure, has a modifiable." Buckley does not teach or suggest the claimed invention. Thus, Applicants submit that claim 1 is allowable. Support for the amendment can be found in at least paragraph [0047] of the originally filed specification.

Claims 2-27 depend from claim 1 and Applicants also submit that these claims are allowable for at least the same reasons stated above for claim 1. New independent claim 28 has similar language and is also believed to be allowable for the same reasons as claim 1.

Based on the foregoing, all claims pending in the application are believed to be allowable and a Notice of Allowance is respectfully requested. If the Examiner has any questions or comments regarding this amendment, the Examiner is respectfully requested to contact the undersigned.

Respectfully submitted,  
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